## Off-pump coronary artery bypass surgery

Peter P Th de Jaegere and Willem J L Suyker

## **Web-Only References**

Caracciolo E, Davis K, Sopko G, *et al.* Comparison of surgical and medical group survival in patients with left main equivalent coronary artery disease. Long-term CASS experience. *Circulation* 1995;**91**:2335-44.

Muhlbaier L, Pryor D, Rankin J, *et al.* Observational comparison of event-free survival with medical and surgical therapy in patients with coronary artery disease: 20 years of follow-up. *Circulation* 1992;**86** (Suppl 2);198-204.

Davis R, Goldberg A, Forman S, *et al*. Asymptomatic cardiac ischemic pilot (ACIP) study two year follow-up. *Circulation* 1997;**95**:2037-43.

Benetti F, Naselli G, Wood M, Geffner L. Direct myocardial revascularisation without extracorporeal circulation. *Chest* 1991;**100**:312-16.

Cameron A, Davis K, Green G, Schaff H. Coronary bypass surgery with internal thoracic artery grafts: effects on survival over a 15 year period. *N Engl J Med* 1996;**334**:216-19.

The Veterans Administration Coronary Artery Bypass Surgery Cooperative Study Group. Eleven-year survival in the Veterans Administration randomized trial of coronary artery bypass surgery for stable angina. *N Engl J Med* 1984;**311**:1333-39.

Pocock S, Henderson R, Rickards A, et al. Meta analysis of randomized trials comparing coronary angioplasty with bypass surgery. Lancet 1995;**346**:1184-89.

The Bypass Angioplasty Revascularization Investigation (BARI) Investigators. Comparison of coronary bypass surgery with angioplasty in patients with multivessel disease. *N Engl J Med* 1996;**335**:217-25.

Bonchek L, Ullyot D. Minimally invasive coronary bypass: a dissenting opinion. *Circulation* 1998;**98**:495-97.

Borst C, Gründeman P. Minimally Invasive Coronary Artery Bypass Grafting. An experimental perspective. *Circulation* 1999;**99**:1400-03

Cowper P, Peterson E, DeLong E, *et al.* Impact of early discharge after coronary artery bypass graft surgery on rates of hospital readmission and death. *J Am Coll Cardioll* 1997;**30**:908-13.

Koutlas T, Elbeery J, Williams J, *et al.* Myocardial revascularizsation in the elderly using beating heart coronary artery bypass surgery. *Ann Thorac Surg* 2000;**69**:1042-47.

Kirklin J, Westaby S, Blackstone E, *et al.* Complement and the damaging effects of cardiopulmonary bypass. *J Thorac Cardiovasc Surg* 1983;**86**:845-57.

John Gu Y, Mariani M, van Oeveren W, *et al*. Reduction of the inflammatory response in patients undergoing minimally invasive coronary artery bypass grafting. *Ann Thorac Surg* 1998;**65**:420-4.

Wan S, Izzat M, Lee T, *et al.* Avoiding cardiopulmonary bypass in multivessel CABG reduces cytokine response and myocardial injury. *Ann Thorac Surg* 1999;**68**:52-7.

Matata B, Sosnowski A. Gilnames M. Off-pump bypass graft operation significantly reduces oxidative stress and inflammation. *Ann Thorac Surg* 2000;**69**:785-91.

Fransen, Maessen, Dentener M, et al. Systematic inflammation present in patients undergoing CABG without extracorporeal circulation. *Chest* 1998;**113**:1290-95.

Hickey P, Buckley M, Philbin D. Pulsatile and nonpulsatile cardiopulmonary bypass:review of a counterproduction controversy. *Ann Thorac Surg* 1983;**36**:720-37.

Magovern J, Benckart D, Landreneau R, *et al*. Morbidity, costs and six month outcome of minimally invasive direct coronary artery bypass grafting. *Ann Thorac Surg* 1998;**66**:1224-29.

Subramanian V, McCabe J, Geller Ch. Minimally invasive direct coronary artery bypass grafting: two year clinical experience. *Ann Thorac Surg* 1997;**64**:1648-55.

Shennib H. A renaissance in cardiovascular surgery: endovascular and device based revascularization. *Ann Thorac Surg* 2001;**72**:S993-S994.

Rivetti L, Gandra S. Initial experience using an intraluminal shunt during revascularisation of the beating heart. *Ann Thorac Surg* 1997;**63**:1742-47.

Heijmen R, Borst C, van Dalen R, et al. Temporary luminal arteriotomy seal, II: coronary artery bypass grafting on the beating heart. Ann Thorac Surg 1998;66:471-76.

Gundry S, Romano M, Shattuck O, *et al*. Seven-year follow-up of coronary artery bypasses performed with and without cardiopulmonary bypass. *J Thorac Cardiovasc Surg* 1998;**115**:1273-78.

Arom K, Flavin Th, Emery R, et al. Is low ejection fraction safe for off-pump coronary bypass operation? *Ann Thorac Surg* 2000;**70**:1021-25.

Grundeman P, Borst C, van Herwaarden J, *et al.* Vertical displacement of the beating heart by the Octopus tissue stabiliser: influence on coronary flow. *Ann Thorac Surg* 1998:**65**:1348-52.

Sternik L, Moshkovitz Y, Hod H, *et al.* Comparison of myocardial revascularisation without cardiopulmonary bypass to standard open heart technique in patients with left ventricular dysfunction. *Eur J Cario-Thorac Surg* 1997;**11**:123-28.

Chitwood W. Endoscopic robotic coronary surgery. Is this reality or fantasy? *J Thorac Cardiovasc Surg* 1999;**118**:1-3.

Abizaid A, Costa M, Centemero M, *et al*. Clinical and economic impact of diabetes mellitus on percutaneous and surgical treatment of multivessel coronary disease patients. *Circulation* 2001;**104**:533-38.

Diegeler A, Falk V, Matin M, *et al.* Minimally invasive coronary artery bypass grafting without cardiopulmonary bypass: early experience and follow-up. *Ann Thorac Surg* 1998;**66**:1022-25.

Jansen E, Borst C, Lahpor J, et al. Coronary artery bypass grafting without cardiopulmonary bypass using the Octopus method: results in the first one hundred patients. *J Thorac Cardiovasc Surg* 1998;**116**:60-67.

Tasdemir O, Vural K, Karagoz H, Bayazit K. Coronary artery bypass grafting on the beating heart without the use of extracorporeal circulation: review of 2052 cases.

Calafiore A, Teodori G, Giammarco G, *et al.* Multiple arterial conduits without cardiopulmonary bypass: early angiographic results. *Ann Thorac Surg* 1999;**67**:450-56.

Cartier R, Brann S, Dagenais F, *et al.* Systematic off-pump coronary artery revascularization in multivessel disease: experience of three hundred cases. *J Thorac Cardiovasc Surg* 2000;**119**:221-29.

Varghese D, Yacoub M, Trimlett, Amrani M. Outcome of non-elective coronary artery bypass grafting without cardio-pulmonary bypass. *Eur J Cardio-Thorac Surg* 2001;**19**:245-48.

Yeatman M, Caputo M, Ascione R, *et al.* Off-pump coronary artery bypass surgery for critical left main stem disease: safety, efficacy and outcome. *Eur J Cardio-Thorac Surg* 2001;**19**:239-44.